

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008134 A1

(51) International Patent Classification⁷: **F23Q 2/16**

(21) International Application Number:
PCT/IB2004/002493

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0316661.8 16 July 2003 (16.07.2003) GB

(71) Applicant (for all designated States except US):
SWEDISH MATCH LIGHTERS B.V. [NL/NL];
A.H.G. Fokkerstraat 5, NL-9403 AM Assen (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **SEWALT, Carel**
[NL/NL]; A.H.G. Fokkerstraat 5, NL-9403 AM Assen
(NL).

(74) Agent: **HARMAN, Michael, Godfrey**; Hillgate Patent
Services, 6 Aztec Row, Berners Road, London N1 0PW
(GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

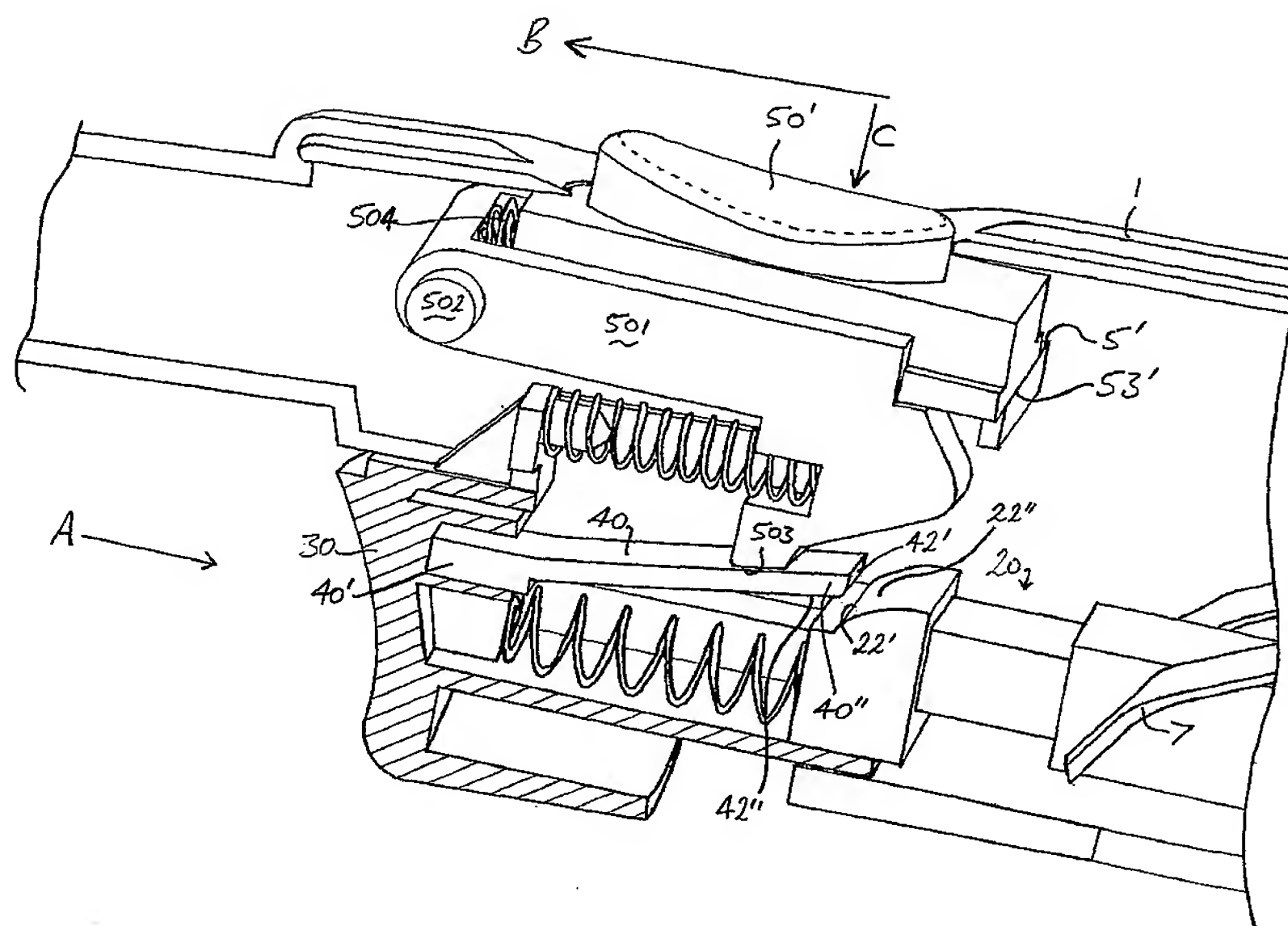
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: CHILD RESISTANT ACTUATION MEANS FOR PIEZOELECTRIC GAS LIGHTERS



(57) Abstract: A child resistant piezoelectric gas lighter includes an intermediate member (40, 60, 70, 80) and a safety button (50) which is operable to set the intermediate member from a disabled condition, wherein the trigger (30) is depressible without actuating the piezoelectric spark generator (20) or, less preferably, the valve, to an enabled condition wherein the intermediate member transmits the actuating motion from the trigger to the piezoelectric device to generate a spark, and operate the lighter. The intermediate member may be a resilient leaf (40, 60) mounted at a fixed point on the trigger (30) or piezoelectric device (20) or may be a separate element (70) mounted on the lighter body (1) for translational movement and engaging both components.

WO 2005/008134 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.